D

Math Test Six

Topic: Arithmetic

Name: _____

88 Questions to Test Your Arithmetic Skills!

Read this first

From Math Test Five on, you shouldn't stop at the small STOP sign for any sessions while taking the main math tests. You must stop at the big STOP sign at the end of each session. The math test's design is inspired by the NJSLA and the NJGPA.

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Session 1

Today, you will take Session 1 of Dust1218's Math Test Six. You will not be allowed to use a calculator.

Read each question. Then, follow the directions to answer each question. Mark your answers by writing or typing them in the blanks. If you need to change an answer, be sure to erase it completely first, then put your new answer in the question. Do not try to cheat to get the answers. If you get caught, then your test will be invalidated.

Please answer all the questions in the end, even if you do not know the answer to some questions initially. You may review your answers for this session ONLY. Do not go past the big red stop sign.

Directions to Answering Each Question

1. Work the problem to find the answer.
2. Simplify any fractions when possible.
3. If you are typing your answers on this test with a Chromebook, please use the Roboto font size 40.
4. Fill in every blank in the question indicated by the black lines.
5. If you are greeted with a multiple-choice box, choose the best answer in that box.
6. Write the numbers greater than 999 with commas for the thousands, the millions, etc. to receive credit.

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1 First of all, what is 11 × 15 × 11 - 6 × 9 ÷ 7?

_____

2 Do 782 ÷ (-17). What's the answer? _____

3 Which number correctly replaces the question marks?
165 - 8 = ???

_____

4 The product of -33/29 and 5/39 is (insert number here).

What number makes the above statement true? _____.

5 The difference of 25/17 and 8/17 is what? Simplify.

_____

6 What is 16/11 take away 9/11? Simplify your answer if possible.

_____

7 5³ - 8 ÷ 6 × 9 × 7 ÷ 15
What is the answer to the above expression?

_____

8 -1/2 × 34/37 = What number?

_____

9 What is 8 × 12 + 4 ÷ 13 ÷ 14 × 10 using the correct order of operations?

_____

10 Calculate 6 + 9 - 3 × 7 ÷ 12 + 12.
What's your answer to that math problem?

_____

11 -26 times 10 equals what number? _____

12 $10 \times 6^2 + 15 \div 11 \div 5 - 8$
What is the answer to the above math problem?

_____

13 What is the answer to $3 \times 8 - 6 + 5 \div 10 \times 5$?

_____

14 For this question, you need to do $5/11 + 21/11$. What is the answer?

_____

15 The difference of $28/37$ and $8/31$ is what?

_____

16 What is $7/10 \div (-17/25)$?

_____

17 Answer what $20/29 - 11/29$ is. What is the answer?

_____

18 $13/23 - 11/23 = ???$
Find the number that replaces the question marks. What is it?

_____

19 Sum $13/7$ and $36/11$ and what do you get? Simplify your answer where possible.

_____

20 $15/23$ take away $20/23$ equals what number?

_____

21 What single number do you get directly from calculating $5 \times 11 \div 10 + 14 \times 6^2 + 10$?

_____

22 What is the quotient of 15/28 and -11/18?

_____

23 Halfway there with your session!
Now, what is the product of -13/4 and -33/10?

_____

24 -792 over -12 equals _____.
What number makes the above statement true? Fill in the blank above.

25 What number is 294 less than 748? _____

26 Subtract 27/22 from 6/7. What number do you get?

_____

27 Sum 214 and 38 to get what number? _____

28 What is 13/9 take away 8/27?

_____

29 Let's do 12 + 8 ÷ 15 - 9 × 9 - 9 for this question. After doing that, what's the number you get?

_____

30 What's 21/29 - 8/33?

_____

31 Divide -16/11 by -22/13. What will be the exact number you get? Simplify if possible.

_____

32 What number do you have after you calculate 1/2 ÷ (-7/11)?

_____

33 Figure out this problem:
$23 - ? = 7$
Which number replaces the question mark above? _____

34 What number do you get when you add 3/5 and 9/37?

_____

35 What is the answer to the below math problem associated with this question?

$10^2 + 6 \div 6^2 + 11 - 9 \times 10 =$ _____

36 What is 17/8 take away 7/8?

_____

37 Please solve $5 - 12 \times 8 + (15 - 5)^2 + 9 \times 8$ and simplify any fractions.

What's your answer? _____

38 Using the correct order of operations, what is $4 + 6 \times 11 \times 13 \div 10 \times 3$?

_____

39 Six more math problems and we're done for this session.
Seventy times two hundred sixty-four equals what number?
_____

40 Using the order of operations, what is the answer to the expression below?
$8 \div 9^2 + 12 + 9 \div 13 - 6$

_____

41 Add 4/5 to 21/5 to get what number?

_____

42 What is 8/5 + 6/5?

_____

43 The input on a calculator is -5/12 × 40/19. What is the calculator's output?

_____

44 This will be the last question for Session 1.
What is -37/28 ÷ 16/29?

_____

STOP

You have reached the end of Session 1 of the test.

• Review your answers from Session 1 only.

• If you are taking this test on a computer, save the PDF math test file under a DIFFERENT name: MathTestSixPersonAnswers.pdf.

• Make sure you have a reminder that Session 2 is coming tomorrow.

• Then, put away your math test and come back tomorrow for Session 2.

Session 2

Today, you will take Session 2 of Dust1218's Math Test Six. You will not be allowed to use a calculator. If you are taking this test on a computer, make sure that you take the session under the file name MathTestSixPersonAnswers.pdf.

Read each question. Then, follow the directions to answer each question. Mark your answers by writing or typing them in the blanks. If you need to change an answer, be sure to erase it completely first, then put your new answer in the question. Do not try to cheat to get the answers. If you get caught, then your test will be invalidated.

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45 Halfway mark reached!
What is the answer to 9/7 + 26/7?

_____

46 What is 125 more than 302? _____

47 Do 6 - 7 ÷ 3 - 4 + 6 ÷ 8. What number will you get?

_____

48 What number correctly completes the equation?

8 - 7 + 12 + 12 - 12 ÷ 11 = _____

49 What is the product of -298 and -55? _____

50 Simplify 72/60 and what fraction or integer do you get?

_____

51 One hundred sixty-five plus two hundred eighty equals what number? _____

52 For question 52, what is -16/11 ÷ 15/13?

_____

53 What do you get when you add 7/4 to 27/4?

_____

54 For this question, what's 7 - 11 ÷ 14 × (12 + 6) + 7?

_____

55 When you do -483 over -21, what number do you get? _____

56 Subtract 37/3 from 31/34 to get what number?

_____

57 What's the answer to this one?
10^2 + 15 × 15 × (8 - 14) × 13 ÷ 13 = _____

GO ON

58 What is the quotient of -3,015 and 45? _____

59 Solve for the quotient of -26/21 and -7/8. What's the number you get if you do?

_____

60 $11 - 5^2 + (11 + 12) + 8 - 12 \div 11$
Solve the above math problem. What's your answer? _____

61 What number is 2 thousand 450 divided by negative forty-nine? _____

62 What's $15 \div 6 \times (14 + 9) - 12 \times 11$?

_____

63 Sum 1/2 and 31/39.
Do what the sentence said above. What number do you get after you do that?

_____

64 What number will CORRECTLY complete the statement?

The difference of 6/25 and 18/25 is _____. (Simplify any fractions if possible)

65 What is equal to nine hundred seventy-nine plus ninety-one? _____

66 What is 26 more than 958? _____

67 Add 14/39 and 7/3, and then simplify your answer if possible. After doing those things, what is the number you have?

_____

68 Using the correct order of operations, what is $13 \div 10 - 12 - (12 - 15)^3 - 10 - 14$?

_____

69 (We forgot to tell you that you were halfway there with this session but you are now over that)
Solve this:
$9 + 7^2 + 13 - 11 + 5 \times 11$
What's the answer to that math problem?

_____

70 What is the quotient of 720 and 12? _____

71 27/11 + 13/11 = What number? Simplify your answer if possible.

_____

72 -8/7 ÷ 17/39
What is the answer to the above math problem?

_____

73 For problem 73, what is the answer to $13 - 15 + (12 - 6) + 8 \times 9$?

_____

74 The difference of 867 and 34 is what? _____

75 Now add 14/5 to 7/5. What do you get?

_____

76 Sum 25/7 and 19/7. What number do you get? Simplify if possible.

_____

77 What is $7^2 + 9 \div 5^2 + (6^2) + 11 \div 9 \div 11$?

_____

78 Simplify 63/35. What fraction or whole number do you have when you do?

_____

79 (14 + 9) ÷ 8 × 10 × 5 ÷ 7 equals what?

_____

80 What's 7/23 + 28/23? Remember to simplify when possible.

_____

81 Just 8 more questions and you're done!
What does -111 times 136 equal to? _____

82 What is the correct answer to -37/14 × (-14/3)?

_____

83 What is seventy-two plus fifty-nine? Please answer. _____

84 What number fills in the blank for the equation below?

6 - (7 - 11)² + 11 × 15 ÷ 8 ÷ 9 = _____

85 What number is the product of -90 and -95? _____

86 Please do 22/21 - 26/21. What's your answer?

_____

87 This will be the penultimate question of the test.
Sum 23/17 and 21/34. What is the number you get?

_____

88 Last question of the test!
What is (15 + 6) × 9 × 15 - 5 × 5? Use the correct order of operations and simplify if possible.

_____

STOP

You have reached the end of the test.

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• Then, put away and turn in your math test.

Math Test Six

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